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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/649,284	08/27/2003	Vinod Anupam	15-4-2-12	5494

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Lucent Technologies Inc.  
Docket Administrator (Room 3J-219)  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030

EXAMINER

GARY, ERIKA A

ART UNIT

PAPER NUMBER

2681

DATE MAILED: 06/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/649,284

Applicant(s)

ANUPAM ET AL.

Examiner

Erika A. Gary

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 August 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Amin et al., US Patent Application Number 5,995,830 (hereinafter Amin).

Regarding claims 1, 8, and 15, Amin discloses a method (and apparatus) in a wireless communication network in which a first mobile terminal is adapted to communicate with another mobile or landline terminal, the method comprising: if a wireless connection between the first mobile terminal and the network is determined to drop during an established connection between the first mobile terminal and the other terminal, automatically activating an until then passive application in the network, the application when activated performing the steps of: if the connection between the network and the first mobile terminal is determined to be available again: effecting the establishment of a connection to the first mobile terminal, effecting the bridging of the connection between the first mobile terminal and the network to a connection between the network and the other terminal; and dropping out and returning to the passive state when the connections between the mobile terminal and the network and the network and the other terminal are bridged together [figs. 1, 2; col. 2: lines 2-35; col. 6: lines 32-38].

Regarding claims 2, 9, and 17, Amin discloses the first mobile terminal is determined to be available again if a response is received to a poll sent to the first mobile terminal [col. 6: lines 6-12].

Regarding claims 3 10, and 18, Amin discloses the first mobile terminal is determined to be available again if a signal is received from the first mobile terminal indicating that it is back online [col. 6: lines 6-12 (mobile will respond to page if it is available)].

Regarding claims 4 and 11, Amin discloses a cause of the drop of the connection between the first mobile terminal and the network is provided to the application [col. 2: lines 9-12; col. 5: lines 1-18].

Regarding claims 5 and 12, Amin discloses if the cause of the drop is one that is not associated with having a short duration, the application effects the connection of the other terminal to be another mobile or landline terminal and then returns to the passive state [col. 5: lines 19-23].

Regarding claims 6 and 13, Amin discloses if the cause of the drop is one that is not associated with having a short duration, the application effects the connection of the other terminal to a voicemail of the user of the first mobile terminal and then returns to the passive state [col. 5: lines 47-50].

Regarding claims 7, 14, and 19, Amin discloses the application when activated effects the transmission of a message to the other terminal that presents to an end-user at the other terminal one or more choices of actions to select from among one or more of: being rung back when the first mobile terminal becomes available again, being

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directed to an alternate destination, being directed to a voicemail of the end-user of the first mobile terminal, and hanging up [col. 5: lines 46-59; col. 6: lines 12-19].

Regarding claim 16, Amin discloses determining that the loss of signal is temporary if a signal has been received from the first mobile terminal within a previous time interval of predetermined duration [col. 6: lines 20-24].

3. Claims 1-3, 8-10, and 15-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Lee et al., US Patent Number 6,246,872 (hereinafter Lee).

Regarding claims 1, 8, and 15, Lee discloses a method (and apparatus) in a wireless communication network in which a first mobile terminal is adapted to communicate with another mobile or landline terminal, the method comprising: if a wireless connection between the first mobile terminal and the network is determined to drop during an established connection between the first mobile terminal and the other terminal, automatically activating an until then passive application in the network, the application when activated performing the steps of: if the connection between the network and the first mobile terminal is determined to be available again: effecting the establishment of a connection to the first mobile terminal, effecting the bridging of the connection between the first mobile terminal and the network to a connection between the network and the other terminal; and dropping out and returning to the passive state when the connections between the mobile terminal and the network and the network and the other terminal are bridged together [col. 2: lines 5-19; col. 6: lines 32-47; col. 10: lines 31-42].

Regarding claims 2, 9, and 17, Lee discloses the first mobile terminal is determined to be available again if a response is received to a poll sent to the first mobile terminal [col. 4: lines 8-10].

Regarding claims 3 10, and 18, Lee discloses the first mobile terminal is determined to be available again if a signal is received from the first mobile terminal indicating that it is back online [col. 4: lines 8-10 (mobile will respond to page if it is available)].

Regarding claim 16, Lee discloses determining that the loss of signal is temporary if a signal has been received from the first mobile terminal within a previous time interval of predetermined duration [col. 4: lines 8-10].

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kim et al., US Patent Number 6,343,216, disclose a method for automatically reconnecting a dropped call in a mobile communication system.

Ham et al., US Patent Number 6,633,760, disclose a method for reconnection of a dropped call in a mobile communication system.

Chun et al., US Patent Number 6,766,173, disclose reconnection of dropped a call in a mobile communication system.

Brooks et al., US Patent Application Publication Number 2002/0090947, disclose automatic reconnect of dropped calls.


Burritt et al., US Patent Application Publication Number 2004/0235509, disclose dropped call continuation.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Erika A. Gary whose telephone number is 571-272-7841. The examiner can normally be reached on Monday-Thursday and alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

EAG  
June 8, 2005

  
ERIKA A. GARY  
PRIMARY EXAMINER